In the Claims

The following listing replaces all previous listings of the claims.

1. (Original) A fireplace for simulating a natural fire, comprising:

a front panel; and

a lenticular screen viewable through the front panel, wherein the lenticular screen comprises a lenticular lens layer and an image layer disposed on the lenticular lens layer to simulate a fire.

2. (Original) The fireplace of claim 1, further comprising a device coupled to the lenticular screen that alters the position of the lenticular screen to change a viewed image of the fire.

3. (Original) The fireplace of claim 2, wherein the device comprises an electric drive motor operatively connected to a reciprocating mechanism to move the lenticular screen.

4. (Original) An apparatus for simulating a fireplace fire, the apparatus comprising:

a lenticular screen comprising a lenticular lens layer and an image layer, wherein the image layer comprises one or more images of a fire and is disposed on a back surface of lenticular screen; and

a device coupled to the lenticular screen that moves the lenticular screen to alter a viewed image of the fire.

5. (Original) The apparatus of claim 4, wherein the viewed image of the fire comprises logs, flames, and walls of a firebox.

6. (Original) A fireplace for simulating a natural fire, comprising:

an enclosure defining a chamber; and

a lenticular screen disposed within the chamber, wherein the lenticular screen comprises a lenticular lens layer and an image layer disposed on the lenticular lens layer to simulate a fire.

7. (Original) The fireplace of claim 6, further comprising a device coupled to the lenticular screen that alters the position of the lenticular screen to change a viewed image of the fire.

8. (Original) A fireplace, comprising:

an enclosure having a front wall, wherein the front wall comprises an electrically conductive panel coupled to a phase change material; and

electrical terminals operatively connected to the electrically conductive panel for applying a voltage across the electrically conductive panel to heat the front wall and convert the phase change material from an opaque solid to a less opaque liquid to allow viewing through the front wall.

9. (Original) The fireplace of claim 8, further comprising a second panel coupled to the electrically conductive panel, wherein the phase change material is disposed between the electrically conductive panel and the second panel.

10. (Original) The fireplace of claim 8, wherein the front wall generates radiant heat to heat a room.

11. (Currently Amended) A flame simulation apparatus for a fireplace, the flame simulation apparatus comprising:

a translucent screen, having a front surface and a back surface;

at least one bobble-flame coupled to a support panel, the bobble-flame including a surface with reflective material;

a device that moves the bobble-flame; and

a light source to reflect light off of the reflective material on the surface of the bobble-flame and onto the back surface of the translucent screen to generate an image of a flickering flame effect that is viewable from the front surface of the translucent screen.

12. (Original) The flame simulation apparatus of claim 11, wherein the translucent screen comprises a lenticular screen.

13. (Currently Amended) The flame simulation apparatus of claim 11, wherein the at least one bobble-flame comprises~~:~~

~~at least one piece of reflective material; and~~

a spring coupling the ~~at least one piece of~~ reflective material to the support panel.

14. (Original) The flame simulation apparatus of claim 11, wherein the device comprises a blower positioned to blow air upon and move the at least one bobble-flame.

15. (Currently Amended) A flame simulation apparatus for a fireplace, the flame simulation apparatus comprising:

a translucent screen, having a front surface and a back surface;

a plurality of bobble-flames coupled to a support panel, each bobble-flame including a surface with reflective material;

a device that moves the bobble-flames; and

a light source to reflect light off of the reflective material on the surface of each of the bobble-flames and onto the back surface of the translucent screen to generate an image of a flickering flame effect that is viewable from the front surface of the translucent screen.

16. (Original) The flame simulation apparatus of claim 14, wherein the translucent screen comprises a lenticular screen.

17. (Currently Amended) A fireplace for simulating a natural fire, comprising:

a front wall, wherein the front wall comprises an electrically conductive panel coupled to a phase change material;

electrical terminals operatively connected to the electrically conductive panel for applying a voltage across the electrically conductive panel to heat the front wall and convert the phase change material from an opaque solid to a less opaque liquid to allow viewing through the front wall;

a lenticular screen having a front surface and a back surface, wherein the lenticular screen is viewable through the front wall when the phase change material comprises the less opaque

liquid, wherein the lenticular screen comprises a lenticular lens layer and a fire image layer disposed on the lenticular lens layer;

a device coupled to the lenticular screen that alters the position of the lenticular screen to change a viewed image of the fire;

at least one bobble-flame coupled to a support panel, the bobble-flame including a surface with reflective material;

a blower that blows air out and moves the bobble-flame; and

a light source to reflect light off of the reflective material on the surface of the bobble-flame and onto the back surface of the lenticular screen to generate an image of a flickering flame effect that is viewable from the front surface of the lenticular screen.

18. (Original) A method for simulating a fire within an enclosure comprising the steps of:

disposing a lenticular screen within the enclosure, wherein the lenticular screen comprises a lenticular lens layer and a fire image layer; and

moving the lenticular screen to change a viewable image of the fire generated by the fire image layer.

19. (Currently Amended) A method for simulating flames of a fire, comprising the steps of:

coupling a bobble-flame to a support panel, the bobble-flame including a surface with reflective material;

moving the bobble-flame; and

reflecting light off of the reflective material on the surface of the bobble-flame and onto a back surface of a translucent screen to generate an image of a flickering flame.

20. (Original) A method for selectively revealing items disposed within a fireplace enclosure comprising the steps of:

providing a front wall of the fireplace enclosure, wherein the front wall comprises an electrically conductive panel coupled to a phase change material; and

providing a voltage source coupled to the electrically conductive layer to heat the front wall and convert the phase change material from an opaque solid to a less opaque liquid to allow selective viewing through the front wall.